AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS

1.-19. (Canceled)

20. (New) An operating method for a machine tool for machining a workpiece, comprising the steps of:

    processing a step sequence;

    wirelessly reading out at least one part program from a workpiece data carrier assigned to the workpiece during the processing of said step sequence; and

    controlling the machine tool so that the machine tool machines the workpiece in accordance with said part program.

21. (New) The operating method of claim 20, wherein said part program includes individual steps, said individual steps being adapted to be sequentially executed, said method further including the steps of:

    reading out a program pointer assigned to the workpiece from said workpiece data carrier;

    beginning execution of said part program at an individual step indicated by said program pointer;

    transmitting a new program pointer to said workpiece data carrier when execution of said part program ends; and

    updating said program pointer stored in said workpiece data carrier using said new program pointer.

22. (New) The operating method of claim 20, wherein a plurality of identical workpieces to be machined identically are assigned to said workpiece data carrier and said part program is wirelessly read out from said workpiece data carrier only once for said plurality of identical workpieces.

23. (New) The operating method of claim 20, further comprising the step of wirelessly reading out a description of the workpiece from said workpiece data carrier so that the machine tool machines the workpiece in accordance with said description of the workpiece.

24. (New) The operating method of claim 23, wherein said description includes original geometric dimensions of the workpiece.

25. (New) The operating method of claim 23, wherein said description includes geometric dimensions of the workpiece immediately prior to machining of the workpiece by the machine tool.

26. (New) The operating method of claim 23 wherein said description includes geometric dimensions of the workpiece, said method further including the step of taking account of said geometric dimensions of the workpiece in a collision check.

27. (New) The operating method of claim 23, wherein said description of the workpiece includes information about the workpiece material.

28. (New) The operating method of claim 27 wherein the machine tool has drives, and further comprising the steps of measuring actual power input by a drive during machining of the workpiece; comparing the actual power measured with threshold power values; adjusting the further machining of the workpiece in accordance with said comparison; and adjusting at least one of said threshold values depending on said information about the material of the workpiece.

29. (New) The operating method of claim 28, further comprising the step of detecting tool breakage if said actual power input exceeds a threshold value for said material.

30. (New) The operating method of claim 28, further comprising the step of adjusting a machining rate at which the workpiece is machined if said actual power input exceeds a threshold value for said material.

31. (New) The operating method of claim 20, wherein said description of the workpiece includes a workpiece identifier, said method further comprising the steps of wirelessly reading out a workpiece identifier from said workpiece data carrier; and determining whether said workpiece identifier is a correct workpiece identifier for said part program.

32. (New) The operating method of claim 23, wherein said description of the workpiece includes a minimum requirements profile, said method further comprising the steps of comparing said minimum requirements profile with capabilities of the machine tool; and commencing machining the workpiece only if said capabilities of the machine tool match said minimum requirements profile.

33. (New) The operating method of claim 20, further comprising the steps of wirelessly reading out component data from a component data carrier assigned to an additional component of the machine tool during processing of said step sequence; and taking said component data into account in processing said step sequence.

34. (New) The operating method of claim 33, wherein said component data includes geometric dimensions of said additional component, said method

further comprising the step of taking account of said dimensions of the additional component in a collision check.

35. (New) The operating method of claim 33, wherein said component data includes status data, and further comprising the step of transmitting updated status data to said component data carrier after the workpiece has been machined.

36. (New) The operating method of claim 35, wherein said status data includes at least one of the following: operating hours, wear, type of machining operations, number of machining operations.

37. (New) The operating method of claim 20, said method further comprising the step of transmitting updated component data to said component data carrier after the workpiece has been machined, said component data including at least one of the following: a machine tool identifier, a user identifier, setting of the additional component, overheating of the additional component.

38. (New) A machine tool for machining a workpiece, comprising:
   a control device adapted to control the machine tool, said control device being adapted to process a step sequence; and
   means for wirelessly reading out at least one part program from a workpiece data carrier assigned to the workpiece during the processing of said step sequence to supply said part program to the control device so that the machine tool machines the workpiece in accordance with said part program.

39. (New) The machine tool of claim 38, wherein said part program includes individual steps, said individual steps being adapted to be sequentially executed, said machine tool further comprising:

means for wirelessly reading out a program pointer assigned to the workpiece from said workpiece data carrier;

means for beginning execution of said part program at an individual step indicated by said program pointer: and

means for transmitting a new program pointer to the workpiece data carrier when execution of said part program ends, so that said new program pointer updates a program pointer stored in the workpiece data carrier.

40. (New) The machine tool of claim 38, further comprising means for reading out said part program only once from said workpiece data carrier for a plurality of identical workpieces to be machined identically, said plurality of identical workpieces being assigned to said workpiece data carrier.

41. (New) The machine tool of claim 38, further comprising means for reading a description of the workpiece from said workpiece data carrier.

42. (New) The machine tool of claim 41, wherein said description includes geometric dimensions of the workpiece.

43. (New) The machine tool of claim 41 wherein said description includes information about the material of the workpiece.

44. (New) The machine tool of claim 38, further comprising means for reading a workpiece identifier from said workpiece data carrier; and means for determining whether said workpiece identifier is a correct workpiece identifier for said part program.

45. (New) The machine tool of claim 38, further comprising means for wirelessly reading out component data from a component data carrier assigned to an additional component of the machine tool; means for using said component

data when processing said step sequence; and means for transmitting updated component data to said component data carrier after the workpiece has been machined.

46. (New) A program data carrier comprising:

   a stored operating program for implementing a machine tool operation; and

   a transponder adapted to provide said stored operating program to a machine tool having means for wirelessly reading a program data carrier so that said machine tool machines the workpiece in accordance with said stored operating program.

47. (New) The program data carrier of claim 46, wherein said stored operating program is a part program for machining a workpiece, said data carrier being a workpiece data carrier adapted to be assigned to a workpiece.

48. (New) The program data carrier of claim 46, wherein said stored part program is a part program having individual steps adapted to be sequentially executed, said workpiece data carrier further comprising a stored program pointer, said stored program pointer indicating one of said individual steps.